

REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-15 are pending in the present application with claims 1, 4, 5 and 7-12 having been amended by the present amendment.

In the outstanding Office Action, the drawings, specification and claims were objected to; claims 1-10 were rejected under 35 U.S.C. § 112, second paragraph; claims 1-3 and 9-15 were rejected under 35 U.S.C. § 102(e) as anticipated by Lindquist et al.; and claims 4-8 were rejected under 35 U.S.C. § 103(a) as unpatentable over Lindquist et al.

The drawings, specification and claims have been amended in light of the comments noted in the outstanding Office Action. Accordingly, it is respectfully requested the objections to the drawings, specification and claims be withdrawn.

Regarding the rejection of claims 1-10 under 35 U.S.C. § 112, second paragraph, the outstanding Office Action indicates it is unclear what the limitation “an adjacent signaling network” means. It is respectfully noted that the adjacent signaling network is a network that is adjacent to the second signaling network. For example, assume there are three signaling networks. An adjacent network in this example would be between the first and last network. That is, the adjacent network is adjacent to the last network that is to eventually handle the request. Accordingly, it is respectfully requested this rejection be withdrawn.

Claims 1-3 and 9-15 stand rejected under 35 U.S.C. § 102(e) as anticipated by Lindquist et al. This rejection is respectfully traversed.

Amended claim 1 is directed to a method for mapping a translational type in a No. 7 gateway signaling network. The method includes, for example, defining translation type information of a first signaling network in a translation type mapping table. Further, the method also includes inserting the mapped translation type into a same field of a protocol used to communicate between the first and second signaling networks such that a structure of the protocol is not changed. Independent claims 11 and 12 include similar features in a varying scope.

As noted in the background of the related art, to be interworked, network providers using different networks from each other must use the same translation type with respect to a service. For example, the same translation type must be used by all of the network providers to provide a signaling connection control part (SCCP) service with the global title translation. If the network providers employ different translation types, a novel translation type for the interworking service should be made. Then, the existing translation type and the additional translation type for the interworking service would have to be simultaneously managed. Otherwise, one of the network providers necessarily changes the existing signaling network to modify local translation type into the translation type used by other (non-local) network providers (see page 3, lines 4-13).

However, the present invention does not modify a protocol of the signaling networks, but rather maps the transitional types from one network into another without modifying the protocol. That is, as noted at page 4, lines 4-8, an object of the present invention is to provide a method for mapping a translation type in a No. 7 gateway signaling network that can provide an interworking operation of a signaling connection control part (SCCP) service without modifying a signaling network, suspending service, or requiring a novel definition of a translation type.

The outstanding Office Action applies Lindquist et al. as teaching the claimed invention. However, Lindquist et al. is directed to a converter between two different networks that use different protocols. That is, Lindquist et al. is directed to converting a first protocol to a second protocol. For example, Fig. 4 illustrates the protocol structure for the ANSI protocol network and the CCITT protocol network. As shown, the structure of the protocols are different. Note that for the ANSI protocol, the transitional type (TT) 415 is in octet 6, whereas in the CCITT protocol format, the TT 440 is in octet 5. Thus, the converted SCCP parameters are formatted from a first data syntax 460 to correspond with a second data syntax 470 (see col. 8, lines 1-3). That is, the first protocol is converted into a second different protocol. This differs from the claimed invention in which the structure of the protocol is not changed.

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Accordingly, it is respectfully submitted in dependent claims 1, 11 and 12 and each of the claims depending therefrom patentably define over Lindquist et al.

Further, it is respectfully requested the rejection of claims 4-8 under 35 U.S.C. § 103(a) as unpatentable over Lindquist also be withdrawn as claims 4-8 are dependent claims.

In addition, the Abstract has been amended to be a single paragraph. No new matter has been added.

CONCLUSION

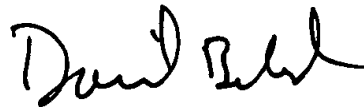
In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, **David A. Bilodeau**, at the telephone number listed below.

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To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
FLESHNER & KIM, LLP

A handwritten signature in black ink, appearing to read "Daniel Kim", written in a cursive style.

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